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number : **08-077233**(71)
Applicant : **YOSHIZAWA SEKKAI KOGYO KK
KATO KUNIO**(22)Date of filing : **29.03.1996**(72)Inventor : **KATO KUNIO
NAKAGAWA NOBUYOSHI
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TSURUNAGA MASARU****(54) PRODUCTION OF FINE POWDER SLAKED LIME BY UTILIZING FLUIDIZED BED**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing powdery slaked lime which is very fine and therefore has high activity from coarser slaked lime.**SOLUTION:** This fine powder slaked lime is obtained by fluidizing an inactive material, for example, silica sand which has particle size within the range of 100-1,500 μ m and narrow particle size distribution, by using warm or hot gas to form a fluidized bed having a definite temperature within the range from 30°C to 300°C, and feeding, into the fluidized bed, slurry of slaked lime of 50 μ m or less particle size produced by dispersing the lime into water, and drying the slaked lime slurry.

